














CITY OF FREMONT IRRIGATION STANDARD MATERIALS

STANDARD SYMBOL	DESCRIPTION	MANUFACTURER	MODEL # (if applicable)	COMMENTS	LANDSCAPE STANDARD DETAIL
	Irrigation Controller w/ Enclosure	Calsense	ET 2000e	w/ all applicable software as required by the city, and dome antenna	LSD-15
	Irrigation Controller Enclosure	Calsense Enclosure	SSE-R	Heavy-Duty Stainless Steel	LSD-15
	Reduced Pressure-Principle Backflow Preventer with cage and concrete pad	Febco	825-Y		LSD-16
	Backflow Assembly Cage	Guardshack	GS Series	Powdercoat Black	LSD-17
	Irrigation Trench - Mainline		Sch. 40 PVC for 2" & less Class 315 PVC for 2-1/2" & larger	24" below fin. grade	LSD-18
	Irrigation Trench - Lateral line		Class 200 PVC for 1 1/4" and greater Sch. 40 PVC for line 1" & smaller	18" below fin. grade	LSD-18
	Sleeves		Class 315 PVC	Refer to LSD-18 for depth and size	LSD-18
	Quick-Coupling Valve (in box)	Hunter	HQ-44LRC-AW HR-44A	Winged body w/ 1" key, locking cover, and key	LSD-19
	Quick-Coupling Valve Box	Carson Pentek	910 Lockable Superflexon	10" Round box w/ lid	LSD-19
	Wire Splice	Scotchlok Y-spring connector		Install per detail LSD-20	LSD-20
	Turf Sprinklers	Toro Hunter	Super 700C Series I-40 OR I-20 365-XX, 360 d, ADJ	Large Turf Areas	LSD-21
	Turf Sprinklers	Toro	640 Series	Large Turf Areas	LSD-21
	Turf Sprinklers	Toro	570Z-6P/12P-O-T Precision Series	Small Turf Areas	LSD-21
	Shrub/Groundcover	Toro	570Z-6P/12P-O-T Precision Series	Shrub/Groundcover Areas	LSD-21
	Shrub Bubblers	Toro	PC-FB-25	Shrubs	
	Tree Bubblers	Toro	PC-FB-50	Trees	LSD-01
	Gate Valve (in box)	Nibco	T-113		LSD-22
	Gate Valve Box	Carson Pentek	910 Lockable Superflexon	10" Round box w/ lid	LSD-22
	Remote Control Valve (in box)	Griswold	2000 Series NC - Solenoid Valve 2230 Series NC - Pressure Reducing	NC = Normally Closed	LSD-23
	Remote Control Valve Box	Carson Pentek	1324 Lockable Superflexon	13" X 18" box w/ lid	LSD-23
	"Y" Strainer	Febco	650A 1/2"-2"		LSD-26
	Pressure Reducing Valve	Febco/Wilkins/Watts	XXX		LSD-25
	Flow Sensor	Calsense	FM-1B		LSD-24
	Master Valve	Griswold	2160 Series NO - Solenoid Valve	NO = Normally Open	LSD-24

Note: Symbols shown are city standard for those items

<h2 style="margin: 0;">CITY OF FREMONT</h2> <h3 style="margin: 0;">STANDARD DETAILS</h3> <h3 style="margin: 0;">CITY STANDARD</h3> <h3 style="margin: 0;">IRRIGATION MATERIALS</h3>			DATE APPROVED BY CITY COUNCIL 12/13/11			
			RESOLUTION NO. 2006-31			
			 CITY ENGINEER			
FILE NO. LSD-14.DWG	SCALE NONE	DRAWN MAM/CC	CHECKED RER	DATE DEC. 2011	DWG NO. LSD-14	1 of 1